```
=> d his

     (FILE 'HOME' ENTERED AT 10:08:57 ON 25 MAR 2010)

     FILE 'REGISTRY' ENTERED AT 10:09:11 ON 25 MAR 2010
L1            1 S 51851-37-7/RN
L2            1 S 101947-16-4/RN
L3            1 S 16068-37-4/RN
L4            2 S L1-2

     FILE 'HCAPLUS' ENTERED AT 10:09:57 ON 25 MAR 2010
L5          433 S L3
L6          675 S L4
L7           10 S L5 AND L6
L8            8 S L7 AND (PY<=2003 OR PRY<=2003 OR AY<=2003)
L9            1 S 2004:429660/AN
L10           1 S 2001:458071/AN
L11           1 S 2001:354328/AN
L12           1 S 2001:183293/AN
L13           1 S 2000:323768/AN
L14           1 S 1998:621269/AN
L15           6 S L9-14
L16           2 S L8 NOT L15
L17           1 S L16 NOT 2004:429659/AN


=> d ibib abs hitstr hitind l17

L17  ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER:         2003:133534  HCAPLUS  Full-text
DOCUMENT NUMBER:          138:179900
TITLE:                    Porous inorganic/organic hybrid monolith
                          materials for chromatographic separations and
                          process for their preparation
INVENTOR(S):              Walter, Thomas H.; Ding, Julia; Kele, Marianna;
                          O'Gara, John E.; Iraneta, Pamela C.
PATENT ASSIGNEE(S):       Waters Investments Limited, USA
SOURCE:                   PCT Int. Appl., 99 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     ---------------     ----   --------    --------------------
     --------
     WO 2003014450        A1    20030220    WO 2002-US25193
                                                                   200208
                                                                   08
                                                 <--
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,
             LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
             NO, NZ, OM, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
             TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,
             BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU,
```

MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002324647	A1	20030224	AU 2002-324647	20020808
			<--	
US 20030150811	A1	20030814	US 2002-216674	20020808
			<--	
US 7250214	B2	20070731		
EP 1417366	A1	20040512	EP 2002-759304	20020808
			<--	

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK

JP 2004538468	T	20041224	JP 2003-519572	20020808
			<--	
JP 4216716	B2	20090128		
US 20070135304	A1	20070614	US 2006-644279	20061221
			<--	
JP 2009053198	A	20090312	JP 2008-236842	20080916
			<--	

PRIORITY APPLN. INFO.:	US 2001-311445P	P	20010809
	<--		
	JP 2003-519572	A3	20020808
	<--		
	US 2002-216674	A3	20020808
	<--		
	WO 2002-US25193	W	20020808
	<--		

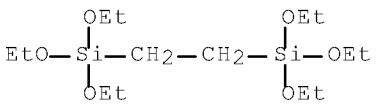
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB Novel materials for chromatog. sepns., processes for their preparation, and separation devices containing the chromatog. materials. In particular, the novel materials are porous inorg./organic hybrid monolith materials, which desirably may be surface modified, and which offer more efficient chromatog. sepns. than that known in the art.

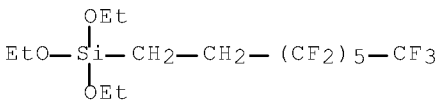
IT 16068-37-4, Bis(triethoxysilyl)ethane 51851-37-7, 1H,1H,2H,2H-Perfluorooctyltriethoxysilane
RL: RCT (Reactant); RACT (Reactant or reagent)
(porous inorg./organic hybrid monolith materials as stationary phases for chromatog. sepns. and process for their preparation)

RN 16068-37-4 HCAPLUS

CN 3,8-Dioxa-4,7-disiladecane, 4,4,7,7-tetraethoxy- (CA INDEX NAME)



RN 51851-37-7 HCAPLUS
CN Silane, triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-
(CA INDEX NAME)



IC ICM D04H001-00
ICS D04H013-00; D04H003-00; D04H005-00
CC 79-6 (Inorganic Analytical Chemistry)
IT 75-77-4, Chlorotrimethylsilane, reactions 77-73-6,
Dicyclopentadiene 78-07-9, Ethyltriethoxysilane 78-08-0,
Vinyltriethoxysilane 78-10-4, Tetraethoxysilane 98-13-5,
Phenyltrichlorosilane 100-42-5, Styrene, reactions 102-69-2,
Tripropylamine 121-44-8, Triethylamine, reactions 143-07-7,
Lauric acid, reactions 681-84-5, Tetramethoxysilane 780-69-8,
Phenyltriethoxysilane 920-46-7, Methacryloyl chloride 940-41-0,
Phenethyltrichlorosilane 994-30-9, Chlorotriethylsilane
1071-27-8, 3-Cyanopropyltrichlorosilane 1185-55-3,
Methyltrimethoxysilane 1321-74-0, Divinylbenzene, reactions
1506-54-3, N-Octadecylacrylamide 1576-35-8,
p-Toluenesulfonhydrazide 2094-98-6,
1,1'-Azobis(cyclohexanecarbonitrile) 2638-94-0,
4,4'-Azobis(4-cyanovaleric acid) 2997-92-4,
2,2'-Azobis(2-methylpropionamidine) dihydrochloride 3158-26-7,
Octyl isocyanate 4202-38-4, Dodecyl isocyanate 5157-75-5,
Octadecylmethyldichlorosilane 13617-28-2,
(2-Phenylpropyl)methyldichlorosilane 13617-40-8,
(3-Phenylpropyl)trichlorosilane 16068-37-4,
Bis(triethoxysilyl)ethane 17776-66-8,
(3-Phenylpropyl)methyldichlorosilane 17776-69-1,
(4-Phenylbutyl)methyldichlorosilane 18162-48-6,
tert-Butyldimethylchlorosilane 18406-41-2,
1,2-Bis(trimethoxysilyl)ethane 21142-29-0 51851-37-7,
1H,1H,2H,2H-Perfluorooctyltriethoxysilane 70851-48-8,
Triacontyltrichlorosilane 70851-52-4,
Triacontyldimethylchlorosilane 72469-36-4 78900-02-4,
[3-(Pentafluorophenyl)propyl]trichlorosilane 117559-37-2,
Octyldiisopropylchlorosilane 157499-19-9 158773-44-5
158773-46-7 158773-51-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(porous inorg./organic hybrid monolith materials as stationary
phases for chromatog. sepns. and process for their preparation)
OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS
RECORD (8 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR

THIS RECORD. ALL CITATIONS AVAILABLE IN
THE RE FORMAT

=>